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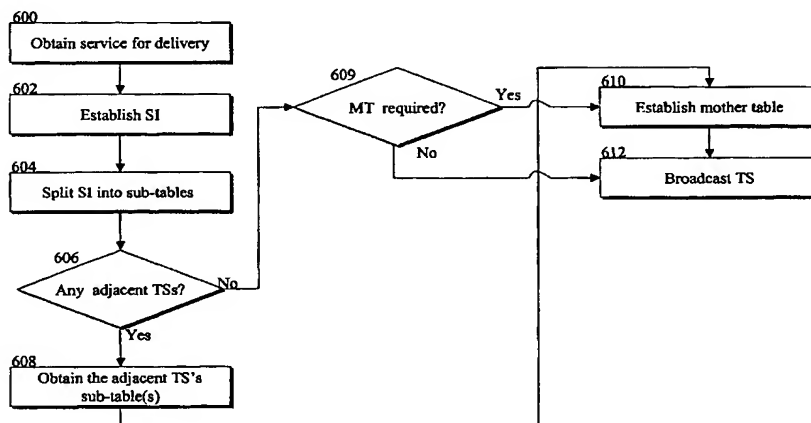
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For two-letter codes and other abbreviations, refer to the "Guidance Notes on Codes and Abbreviations" appearing at the beginning of each regular issue of the PCT Gazette.

(54) Title: METHOD AND SYSTEM FOR ANNOUNCING A TRANSPORT STREAM IN A DIGITAL BROADCAST NETWORK



(57) Abstract: A method and an arrangement for defining a sub-table structure for SI tables, which may be used to split one big Service Information (SI) table into several smaller tables. The splitting into the smaller sub-tables (Sub-Ts) requires less transmitted bandwidth because all the SI do not need to be broadcast to a End User Terminal (EUT). Also, the sub-table division enables relatively easy creation of local SI tables because sub-tables can serve as a basis for local Transport Stream (TS) announcement. By dividing tables into smaller ones, the amount of unnecessary information transmitted for the EUT is reduced. The TSs of an entire broadcast network can be divided. Moreover, neighbouring, or adjacent, TSs (cells) can announce and advertise their content to each other, and further to the EUT. A sub-table (Sub-T) of the TS is sent to the adjacent TS. The preferable embodiments enable the EUT for moving in DVB network in a blinded manner being not specially informed about where or under which cell's coverage the EUT is. However, the EUT is able to obtain the information what content (TSs) is locally available because of the sub-table structure.

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INTERNATIONAL SEARCH REPORT

International application No.

PCT/FI 03/00234

A. CLASSIFICATION OF SUBJECT MATTER

IPC7: H04N 7/00

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

IPC7: H04H, H04N

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

SE,DK,FI,NO classes as above

Electronic data base consulted during the international search (name of data base and, where practicable, search terms used)

EPO-INTERNAL, WPI DATA, PAJ, INSPEC

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	EP 0917355 A1 (SONY INTERNATIONAL GMBH), 19 May 1999 (19.05.99), column 3, line 25 - column 6, line 33, figures 2-5 ---	1-41
X	EP 1001631 A1 (CANAL+ SOCIETE ANONYME), 17 May 2000 (17.05.00), page 2, line 3 - page 4, line 7; page 8, line 29 - page 11, line 1 ---	1-41
A	WO 9823093 A1 (NDS LIMITED), 28 May 1998 (28.05.98), page 1, line 3 - page 3, line 24 ---	1-41

☒ Further documents are listed in the continuation of Box C.☒ See patent family annex.

* Special categories of cited documents:

"A" document defining the general state of the art which is not considered to be of particular relevance

"E" earlier application or patent but published on or after the international filing date

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"P" document published prior to the international filing date but later than the priority date claimed

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"X" document of particular relevance: the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone

"Y" document of particular relevance: the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art

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C (Continuation). DOCUMENTS CONSIDERED TO BE RELEVANT

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A	ETSI EN 300 468 V1.4.1.(2002-11) Digital Video Broadcasting (DVB); Specification for Service Information (SI) in DVB systems pages 1-25 page 10 - 12; page 17 - 19 -- -----	1-41

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International application No.

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